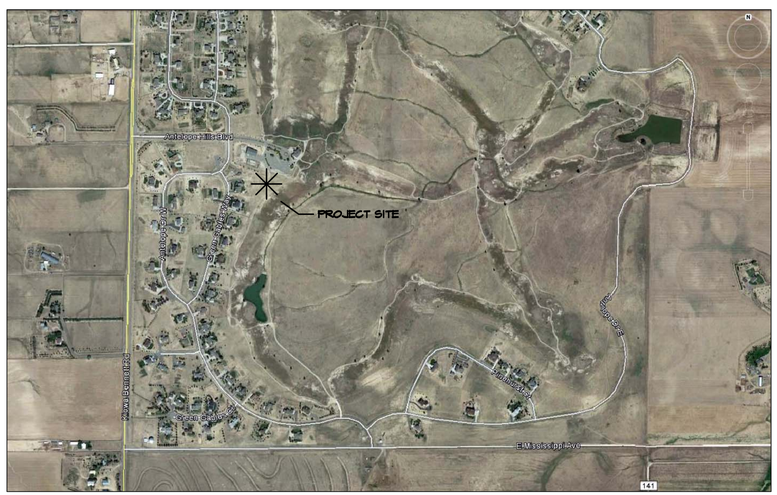
BRPOS Pavilion
Antelope Hills Open Space
Town Of Bennett



NORTH

VICINITY MAP N.T.S.

OWNER:
TOWN OF BENNETT
PUBLIC WORKS
365 PALMER AVE.
BENNETT, CO 80102
DAYMON JOHNSON

303-644-3249 (tele)
303-644-5185 (fax)
djohnson@bennett.co.us

LANDSCAPE ARCHITECT:
SUNLIT DESIGNS, LLC
6644 WADSWORTH BLVD., SUITE #4
ARVADA, CO 80004

303-909-3850 (tele)
bkehr@sunlitdesigns.com

PROJECT TEAM

COVER SHEET

0 COVER SHEET

SITE PLANS AND DETAILS

L-1 DEMO PLAN
L-2 SITE PLAN
L-3 GRADING PLAN
L-4 LAYOUT PLAN
L-5 SITE DETAILS
L-6 WALL DETAILS

ARCHITECTURAL DRAWINGS

A-1 PAVILION PLANS & DETAILS
A-2 PAVILION PLANS & DETAILS

SHEET INDEX

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info@sunlitdesigns.com

BRPOS Pavilion
Antelope Hills Open Space
Bennett, Colorado

DATE:
08-02-2016

REVISIONS:

SHEET CONTENTS:
COVER SHEET

SHEET NUMBER:
0

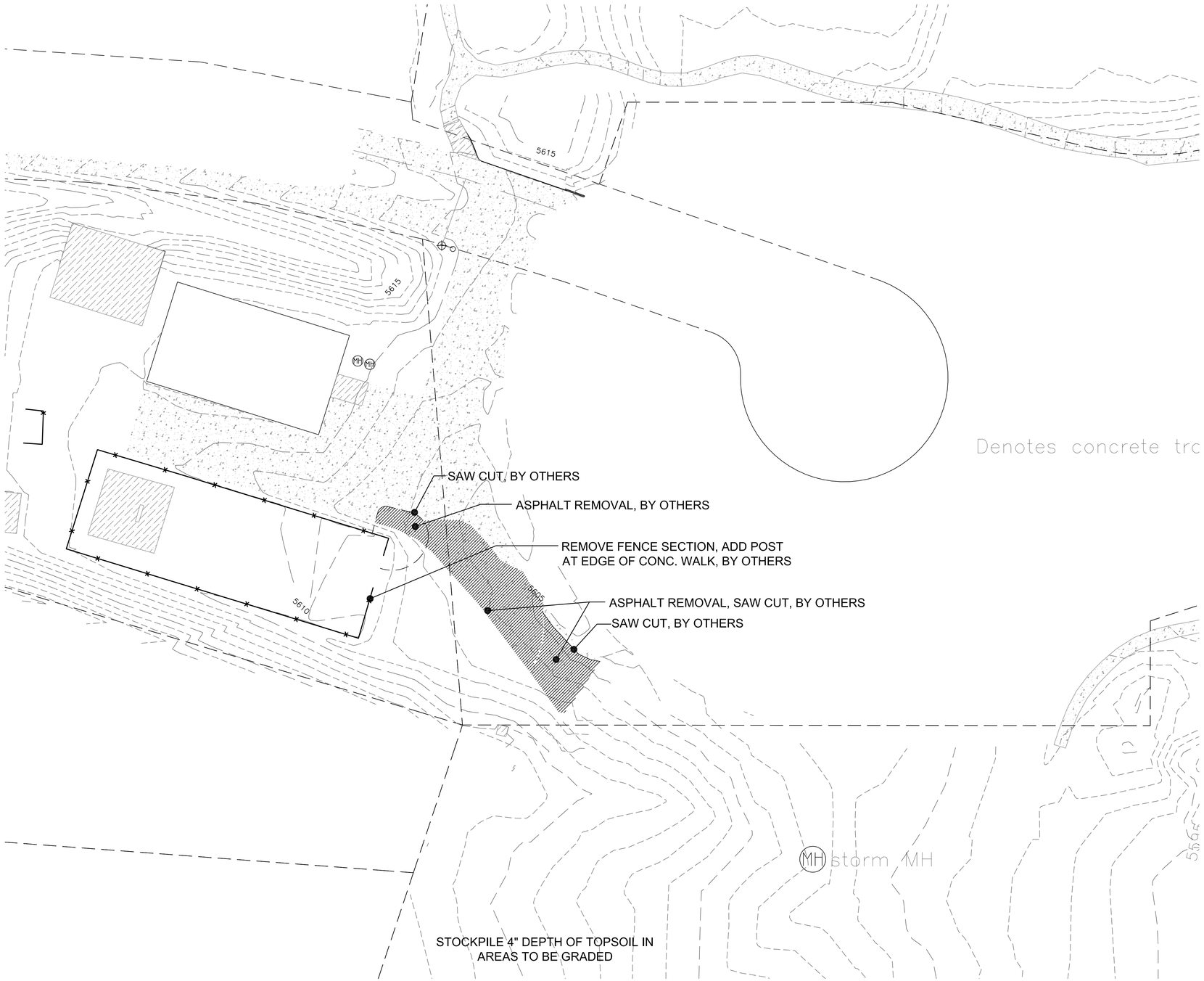
BEFORE YOU DIG

CALL UTILITY NOTIFICATION
CENTER OF COLORADO

811

IN METRO
DENVER

CALL 2-BUSINESS DAYS IN ADVANCE BEFORE
YOU DIG, GRADE OR EXCAVATE FOR THE MARKING
OF UNDERGROUND MEMBER UTILITIES



0 15 30 60 120

SCALE 1" = 30' - 0"

NORTH

ASPHALT DEMO

EXISTING ASPHALT

DEMOLITION PLAN

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08-02-2016

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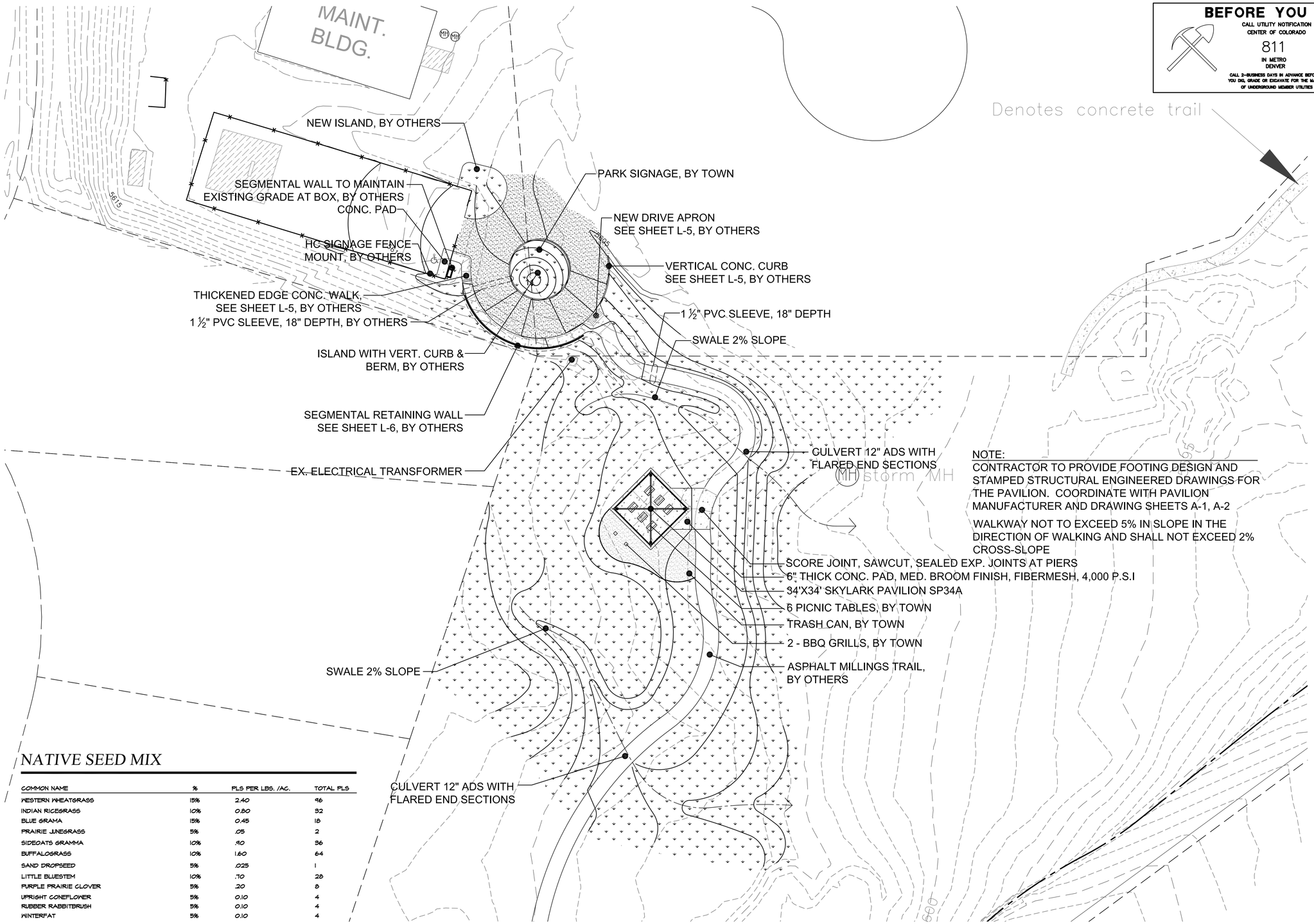
DEMOLITION PLAN

SHEET NUMBER:
L-1



BEFORE YOU DIG

CALL UTILITY NOTIFICATION CENTER OF COLORADO

811

IN METRO DENVER

CALL 2-BUSINESS DAYS IN ADVANCE BEFORE YOU DIG, GRADE OR EXCAVATE FOR THE MARKING OF UNDERGROUND MEMBER UTILITIES

NOTE:

CONTRACTOR TO PROVIDE FOOTING DESIGN AND STAMPED STRUCTURAL ENGINEERED DRAWINGS FOR THE PAVILION. COORDINATE WITH PAVILION MANUFACTURER AND DRAWING SHEETS A-1, A-2

WALKWAY NOT TO EXCEED 5% IN SLOPE IN THE DIRECTION OF WALKING AND SHALL NOT EXCEED 2% CROSS-SLOPE

NATIVE SEED MIX

COMMON NAME	%	PLS PER LBS. /AC.	TOTAL PLS
WESTERN WHEATGRASS	15%	2.40	96
INDIAN RICEGRASS	10%	0.80	32
BLUE GRAMA	15%	0.45	18
PRAIRIE JUNEGRASS	5%	.05	2
SIDEOATS GRAMMA	10%	.90	36
BUFFALOGRASS	10%	1.60	64
SAND DROPSEED	5%	.025	1
LITTLE BLUESTEM	10%	.70	28
PURPLE PRAIRIE CLOVER	5%	.20	8
UPRIGHT CONEFLOWER	5%	0.10	4
RUBBER RABBITBRUSH	5%	0.10	4
WINTERFAT	5%	0.10	4
TOTAL	100%	23.3 LBS.	23.3 LBS.

PLS RATE IS BASED ON DRILL SEEDING, DOUBLE RATE FOR BROADCAST METHOD

0 15 30 60 120

SCALE 1" = 30' – 0"

NORTH

CRUSHER FINES (4" DEPTH OVER WEED CONTROL FABRIC)

CONCRETE, SEE DETAILS, SPECS.

NATIVE GRASS SEED, SEE SPECS.

ASPHALT, 6" FULL DEPTH

SITE PLAN

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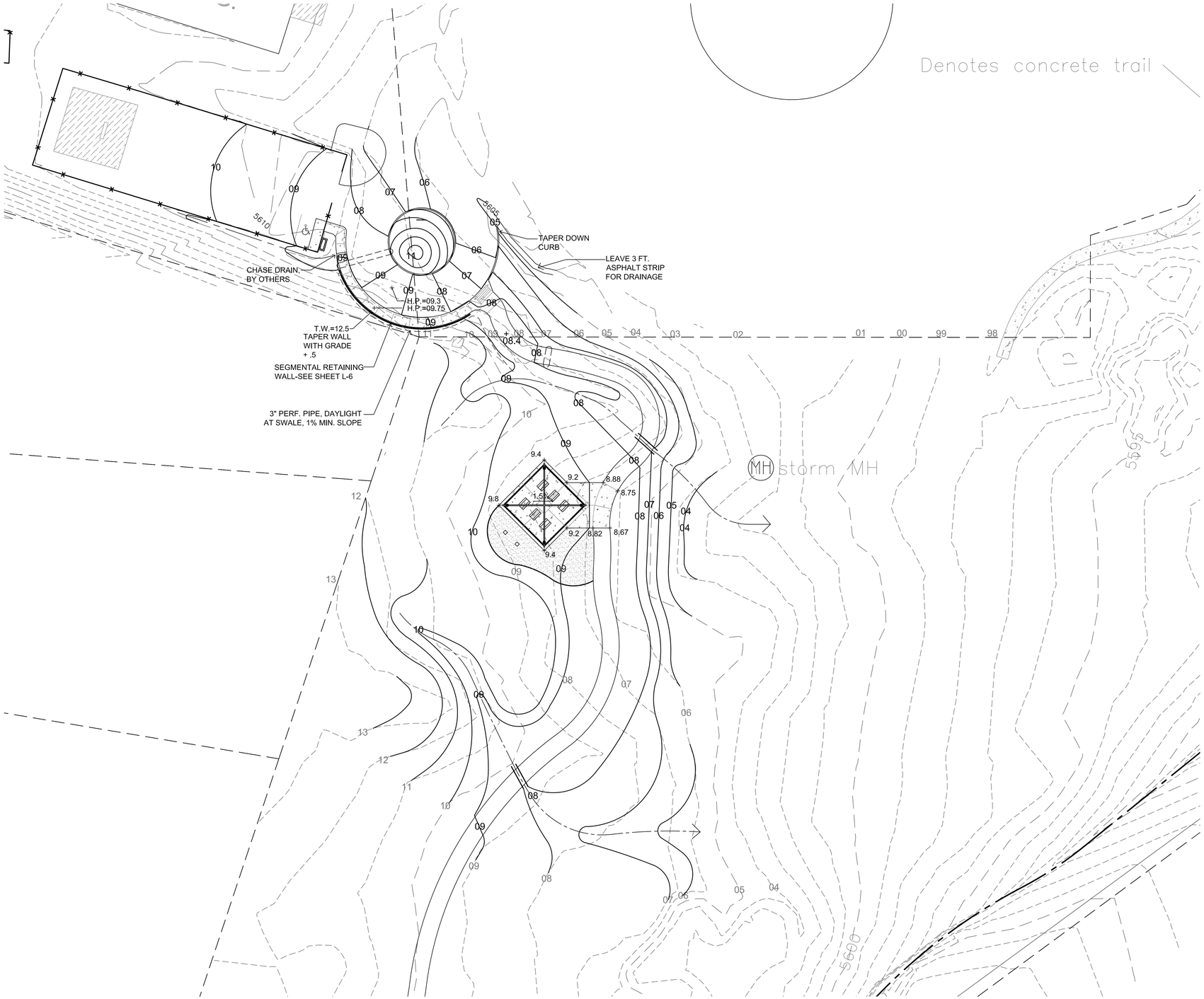
SHEET CONTENTS: SITE PLAN

SHEET NUMBER: L-2



BEFORE YOU DIG

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811

IN METRO DENVER

CALL 2-BUSINESS DAYS IN ADVANCE BEFORE YOU DIG, GRADE OR EXCAVATE FOR THE MARKING OF UNDERGROUND MEMBER UTILITIES

0 15 30 60 120

SCALE 1" = 30' – 0"

NORTH

CRUSHER FINES

CONCRETE

GRADING PLAN

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Bennett, Colorado

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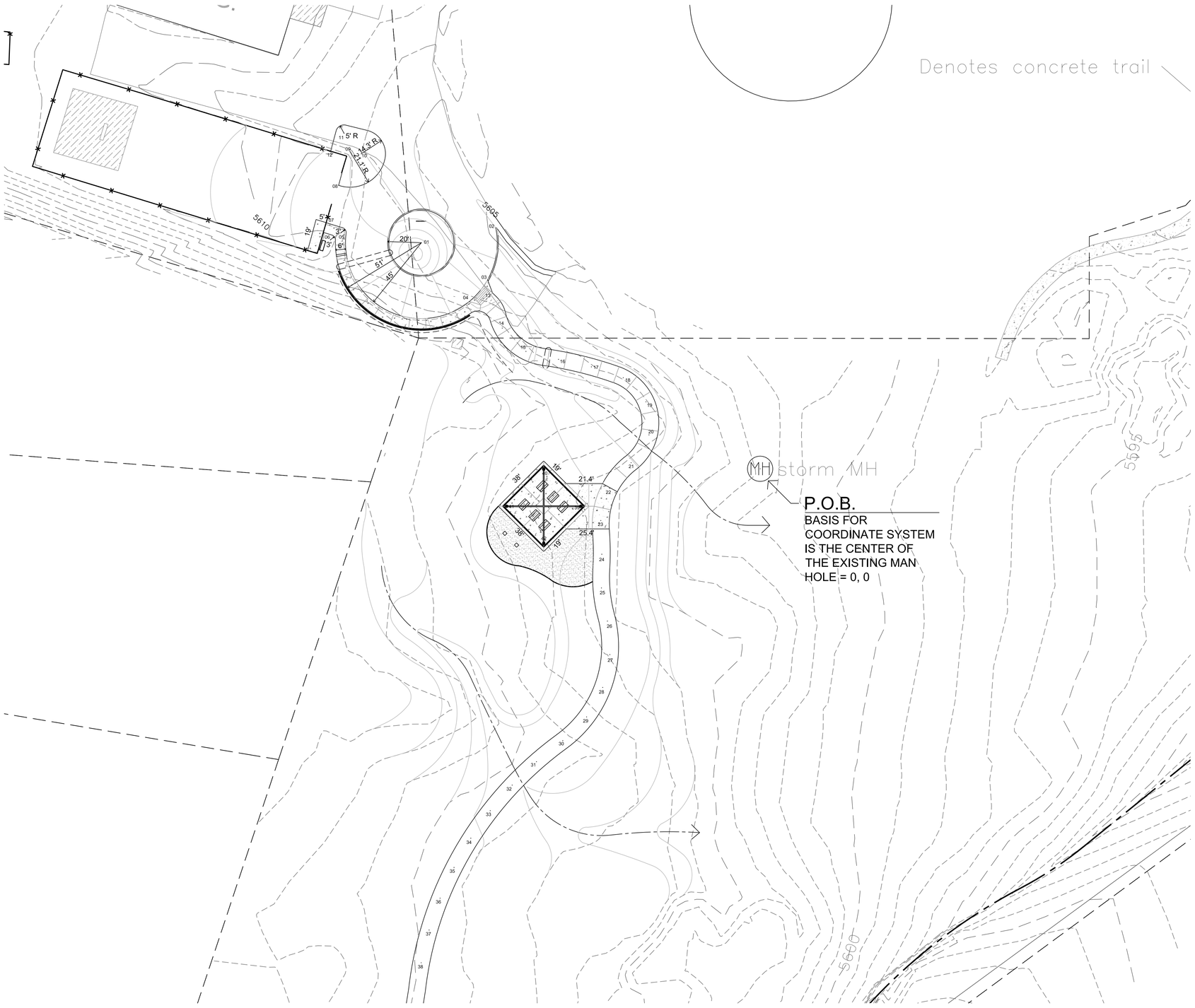
REVISIONS:

SHEET CONTENTS: GRADING PLAN

SHEET NUMBER: L-3



CUL-DE-SAC AREA

GRID POINT COORDINATES

POINT	DESCRIPTION	X, Y COORDINATES
1	CENTER OF CUL-DE-SAC	-200.85, 134.08
2	INSIDE CORNER OF VERT. CURB	-156.71, 142.87
3	EDGE OF CURB RAMP	-161.54, 112.09
4	EDGE OF CURB RAMP	-248.46, 140.13
5	RADIUS POINT THICKEND EDGE WALK	-248.46, 140.13
6	RADIUS POINT THICKEND EDGE WALK	-254.82, 135.79
7	END THICKEND EDGE WALK	-257.30, 145.96
8	CORNER ENTRY OF P-LOT	-249.92, 168.13
9	RADIUS POINT FOR ASPHALT DRIVE	-243.15, 188.16
10	RADIUS POINT FOR ASPHALT DRIVE	-236.49, 186.81
11	RADIUS POINT FOR ASPHALT DRIVE	-246.70, 199.01
12	END OF ISLAND AT P-LOT	-254.63, 188.39

WALKWAY LAYOUT (20 FT O.C.)

GRID POINT COORDINATES

POINT	DESCRIPTION	X, Y COORDINATES
13	CENTER OF 10 FT. WALKWAY	-162.04, 100.73
14	CENTER OF 10 FT. WALKWAY	-152.88, 83.44
15	CENTER OF 10 FT. WALKWAY	-138.86, 69.62
16	CENTER OF 10 FT. WALKWAY	-119.53, 64.91
17	CENTER OF 10 FT. WALKWAY	-100.03, 60.46
18	CENTER OF 10 FT. WALKWAY	-81.13, 54.02
19	CENTER OF 10 FT. WALKWAY	-67.70, 39.69
20	CENTER OF 10 FT. WALKWAY	-65.90, 20.14
21	CENTER OF 10 FT. WALKWAY	-76.50, 3.61
22	CENTER OF 10 FT. WALKWAY	-89.25, -11.58
23	CENTER OF 10 FT. WALKWAY	-94.47, -30.72
24	CENTER OF 10 FT. WALKWAY	-93.87, -50.71
25	CENTER OF 10 FT. WALKWAY	-94.08, -70.69
26	CENTER OF 10 FT. WALKWAY	-90.42, -90.34
27	CENTER OF 10 FT. WALKWAY	-89.10, -110.22
28	CENTER OF 10 FT. WALKWAY	-93.33, -129.70
29	CENTER OF 10 FT. WALKWAY	-102.89, -147.19
30	CENTER OF 10 FT. WALKWAY	-117.00, -161.27
31	CENTER OF 10 FT. WALKWAY	-132.63, -173.74
32	CENTER OF 10 FT. WALKWAY	-147.01, -187.63
33	CENTER OF 10 FT. WALKWAY	-160.02, -202.81
34	CENTER OF 10 FT. WALKWAY	-171.54, -219.15
35	CENTER OF 10 FT. WALKWAY	-181.48, -236.49
36	CENTER OF 10 FT. WALKWAY	-189.74, -254.70
37	CENTER OF 10 FT. WALKWAY	-196.26, -273.60
38	CENTER OF 10 FT. WALKWAY	-200.96, -293.03

PAVILION LAYOUT

GRID POINT COORDINATES

POINT	DESCRIPTION	X, Y COORDINATES
39	CENTER OF PAVILION POST / PIER	-106.39, -22.22
40	CENTER OF PAVILION POST / PIER	-128.31, -0.30
41	CENTER OF PAVILION POST / PIER	-150.23, -22.22
42	CENTER OF PAVILION POST / PIER	-128.31, -44.14

NOTE: VERIFY LAYOUT WITH ARCHITECTURAL PLANS A-1, A-2

0 15 30 60 120

SCALE 1" = 30' - 0"

NORTH

LAYOUT PLAN

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Bennett, Colorado

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LAYOUT PLAN

SHEET NUMBER:
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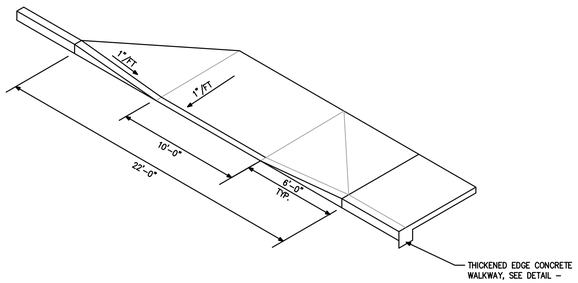
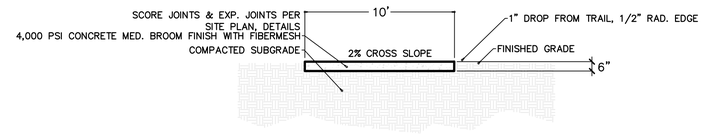


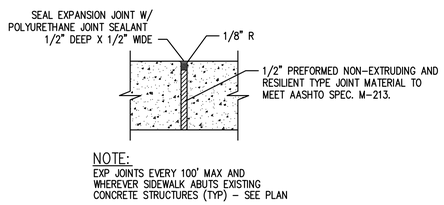
1 TRAIL APRON

NOT TO SCALE



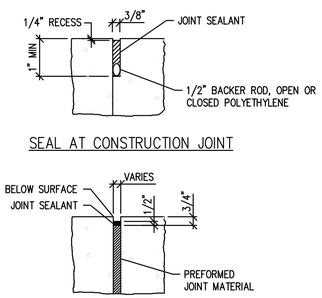
2 CONCRETE WALK

NOT TO SCALE



3 EXPANSION JOINT

NOT TO SCALE



4 JOINT SEALING

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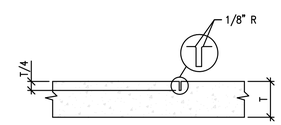
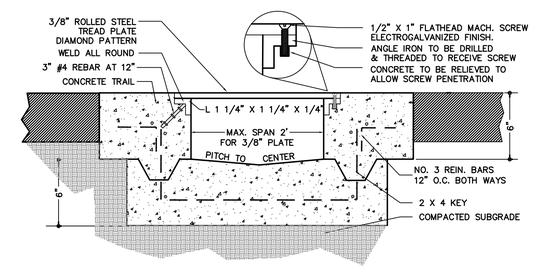


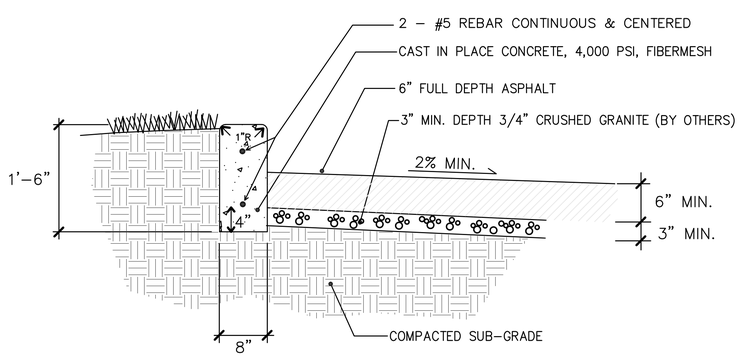
5 TOOLED CONTRACTION JOINT

NOT TO SCALE



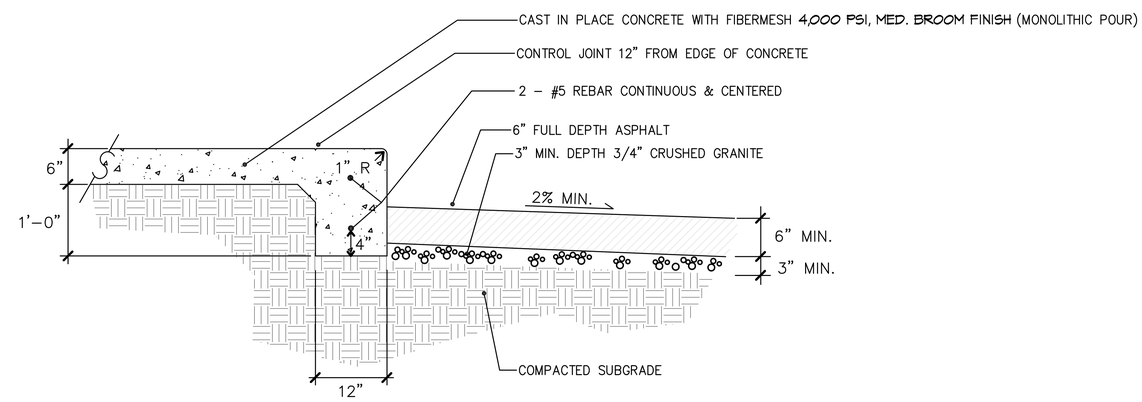
6 CHAISE DRAIN

NOT TO SCALE



7 VERTICAL CURB

SCALE 1/4"=1'-0"



8 THICKENED WALK EDGE

SCALE 1/4"=1'-0"

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info@sunlitdesigns.com

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Antelope Hills Open Space
Bennett, Colorado

DATE:
08-02-2016

REVISIONS:

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SITE DETAILS

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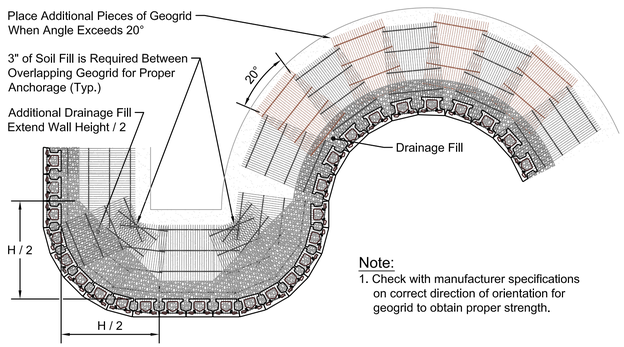
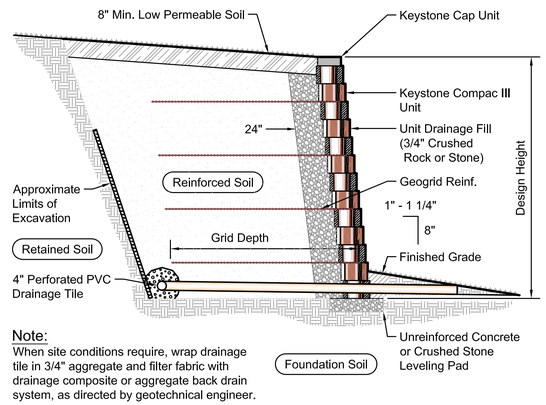


Note:
1. Check with manufacturer specifications on correct direction of orientation for geogrid to obtain proper strength.

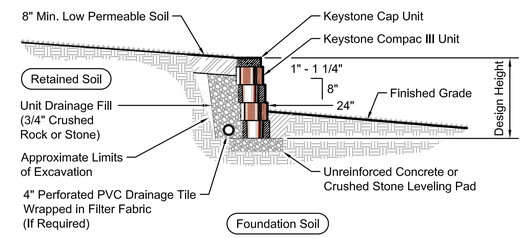
Geogrid Installation on Curves



Note:
When site conditions require, wrap drainage tile in 3/4" aggregate and filter fabric with drainage composite or aggregate back drain system, as directed by geotechnical engineer.

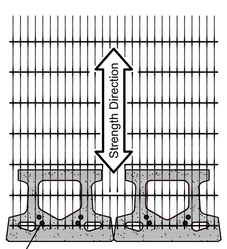
Typical Reinforced Wall Section

Compac III Unit - 1" Setback



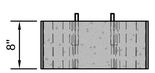
Typical Gravity Wall Section

Compac III Unit - 1" Setback

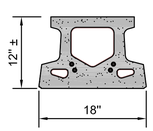


Geogrid is to be Placed on Level Backfill and Extended Over the Fiberglass Pins. Place Next Unit. Pull Grid Taught and Backfill. Stake as required.

Grid & Pin Connection



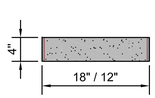
Compac III Elevation



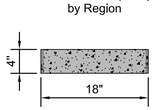
Compac III Plan

Compac III Unit

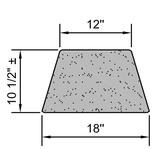
* Dimensions May Vary by Region



Cap Unit Elevation



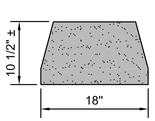
Cap Unit Elevation



Cap Unit Plan

Universal Cap Unit Option

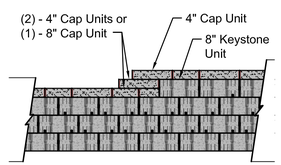
* Dimensions & Availability Will Vary by Region



Cap Unit Plan

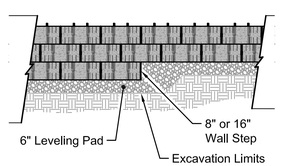
Straight Split Cap Unit Option

* Dimensions & Availability Will Vary by Region



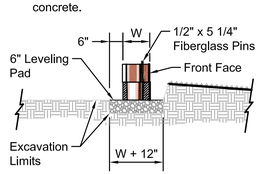
Note:
1. Secure all cap units with Keystone Kapseal or equal.

Top of Wall Steps



Elevation

Note:
1. The leveling pad is to be constructed of crushed stone or 2000 psi ± unreinforced concrete.



Section

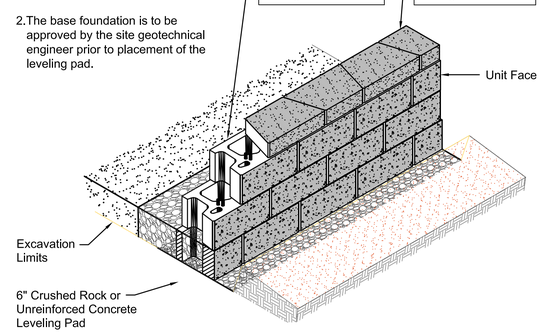
Leveling Pad Detail

Base Leveling Pad Notes:

1. The leveling pad is to be constructed of crushed stone or 2,000 psi± unreinforced concrete
2. The base foundation is to be approved by the site geotechnical engineer prior to placement of the leveling pad.

Compac III Unit	
Width:	18"
*Depth:	12"
Height:	8"
*Weight:	75 lbs

Universal Cap Unit	
Width:	18"/12"
*Depth:	10 1/2"
Height:	4"
*Weight:	49 lbs



Compac III Unit/Base Pad Isometric Section View

* Dimensions & Weight May Vary by Region

Keystone Retaining Wall Systems
Compac III Unit - Straight Face Details
Color - Tan

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08-02-2016

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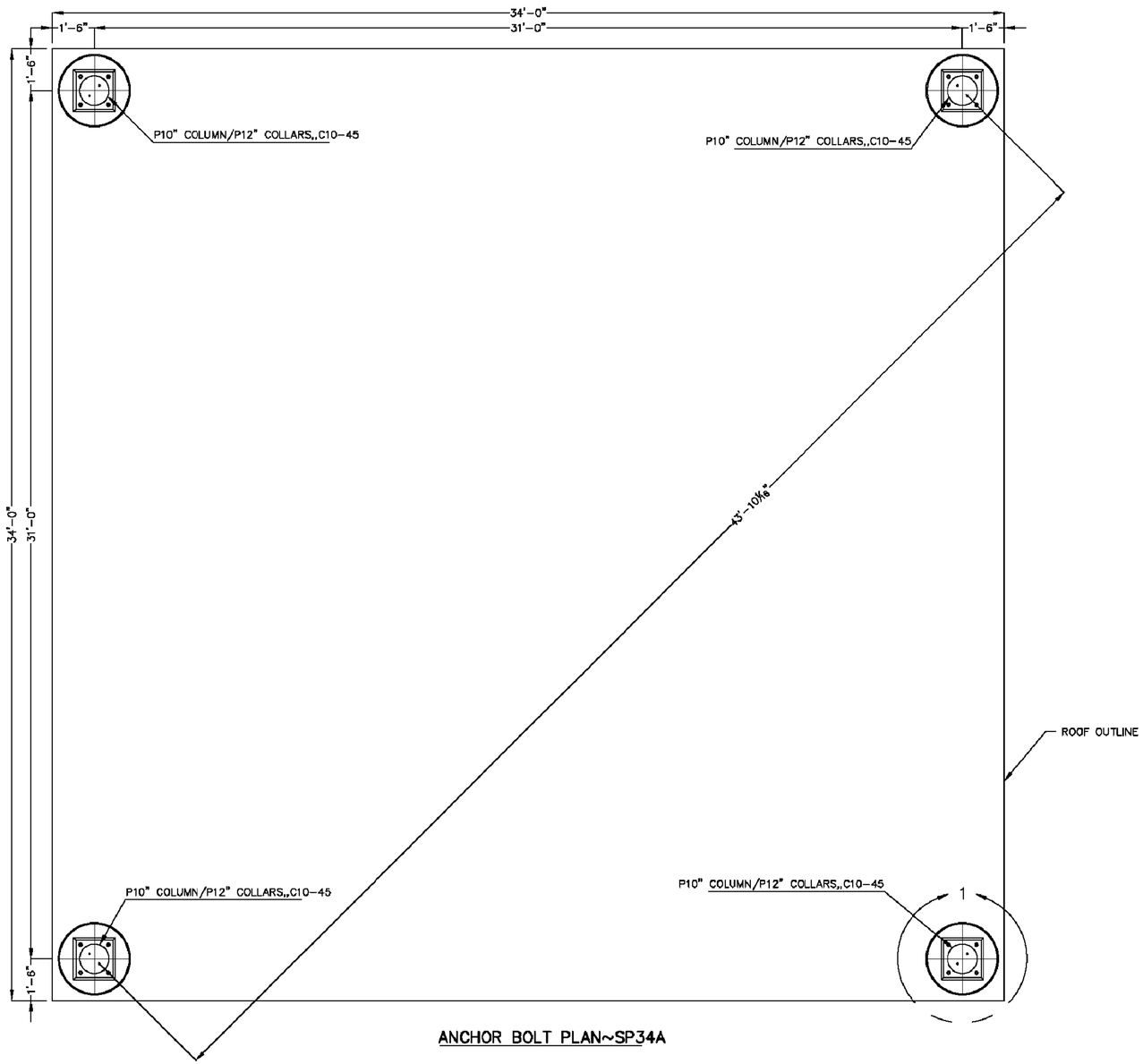
SHEET CONTENTS:
RETAINING WALL

SHEET NUMBER:
L-6



ANCHOR BOLT PLAN~SP34A

GENERAL NOTES:

1. STRUCTURAL STEEL SHALL BE DESIGNED, DETAILED, FABRICATED, AND ERECTED IN ACCORDANCE WITH THE AISC MANUAL OF STEEL CONSTRUCTION, 9TH EDITION AND AISC CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES. FIELD CUTTING OR ENLARGEMENT OF BOLT HOLES WITHOUT AUTHORIZATION FROM CENTRAL DENVER IRONWORKS IS PROHIBITED.

2. STEEL SHALL CONFORM TO ASTM A500 GRADE B FOR STRUCTURAL TUBING AND ASTM A53 GRADE B FOR PIPE. ALL OTHER STEEL SHALL BE ASTM A36 U.N.O.

3. ALL BOLTS SHALL BE ø3/4" A325 U.N.O.

4. ALL BOLTED CONNECTIONS SHALL BE "SNUG TIGHT". (Snug tight is defined as the "fullest effort of a worker with an ordinary spud wrench": re AISC Handbook #SBH-1, pg. 56).

5. ANCHOR BOLT TOLERANCES SHALL BE PER AISC CODE OF STANDARD PRACTICE SECTION 7.5.

6. ALL SHOP WELDS SHALL BE E71T-1 FCAW OR E7018 PER AWS D1.1-LATEST EDITION.

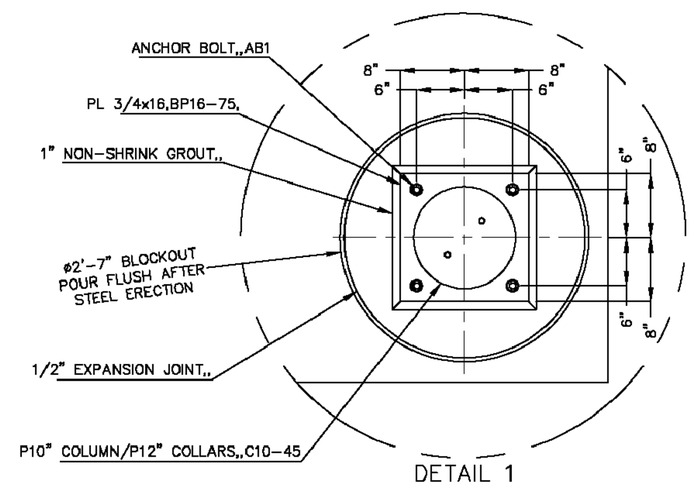
7. ALL FIELD WELDS (IF REQUIRED) SHALL BE E7018 OR NR-211-MP PER AWS D1.1-LATEST EDITION. TOUCH UP PAINT AFTER WELDING.

8. 20 GA. AEP NU-WAVE ZINCALUME DENVER ROOF DECK SHALL BE ATTACHED TO STRUCTURE, INCLUDING PURLINS, WITH HILTI 22P8 PAF OR #12-24 X 1 1/2" HWH TEKS/5 @ 12" O.C., FIELD PAINTED TO MATCH DECK.

9. FLASHING AND PEAK CAP SHALL BE ATTACHED TO ROOF DECK WITH #10-16x3/4" HWH TEKS/3 @ 24" O.C., FIELD PAINTED TO MATCH FLASHING.

10. PRIME PAINT SHALL BE 1 S/C DEVOE CATHA-COAT 302H, DFT 2.0-2.5 MILS. PER SSPC SP6 FOR COLUMNS OR POSTS, SSPC SP7 FOR DECK, AND SSPC SP2 FOR ALL ELSE.

11. FINISH PAINT SHALL BE 1 S/C DEVOE DEVTHANE ALIPHATIC URETHANE SEMI-GLOSS ENAMEL #378 OR EQUAL, DFT 2.0-3.0 MILS. FINISH PAINT BY OTHERS.



DETAIL 1

(2) **ANCHOR BOLT PLAN** N.T.S.

(1) **ANCHOR BOLT DETAIL** N.T.S.

Sunlit Designs, LLC
Landscape Architecture & Planning
6644 Nadsnorth Blvd.
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BRPOS Pavilion
Antelope Hills Open Space
Bennett, Colorado

DATE:
08-02-2016

REVISIONS:

SHEET CONTENTS:
PAVILION DETAILS

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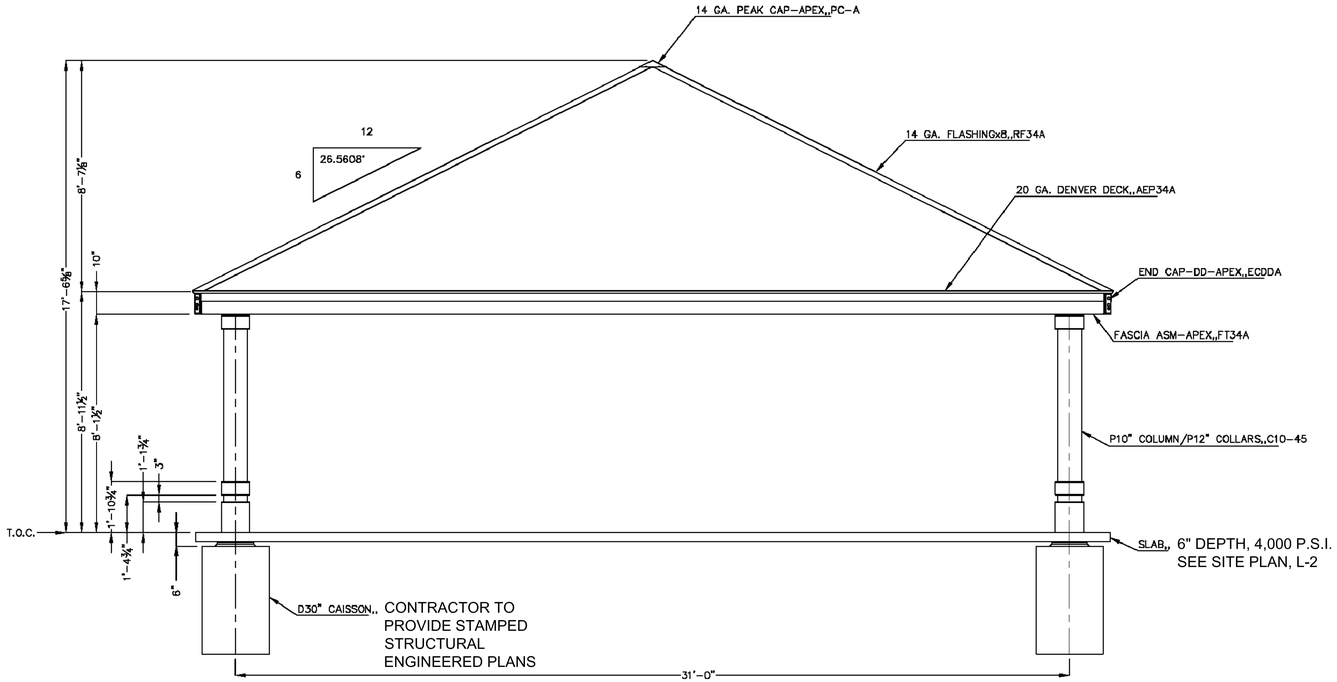
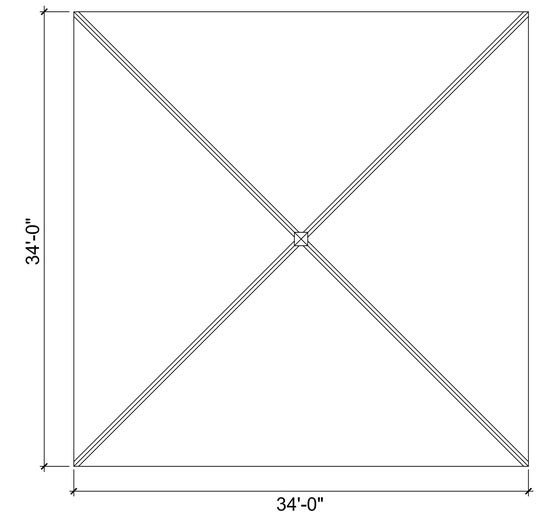
A-1

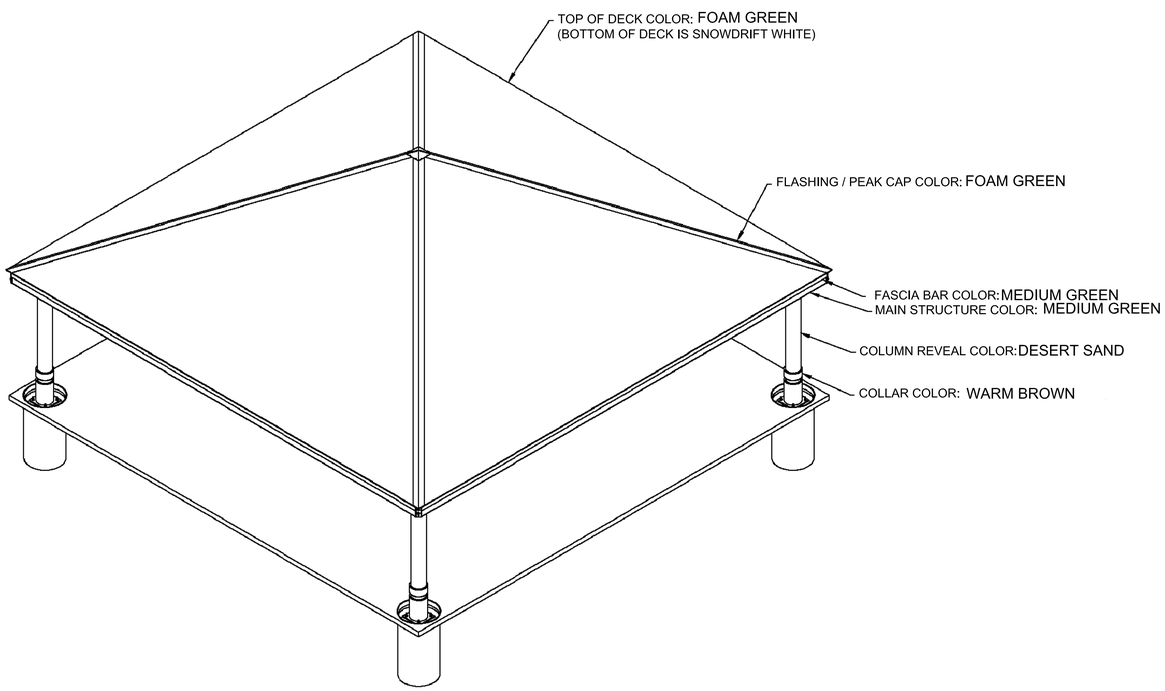


ELEVATION~SP34A

1 **ELEVATION** N.T.S.



2 **ROOF PLAN** N.T.S.



SP34A

3 **COLOR SELECTION** N.T.S.

NOTE:
CONTRACTOR TO PROVIDE FOOTING DESIGN AND
STAMPED STRUCTURAL ENGINEERED DRAWINGS.
COORDINATE WITH PAVILLION MANUFACTURER

SKYLARK SHELTER SYSTEMS (CENTRAL DENVER IRONWORKS)
4245 FOX STREET
DENVER, CO 80216
303-433-3180

PAVILION - SP-34A

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